

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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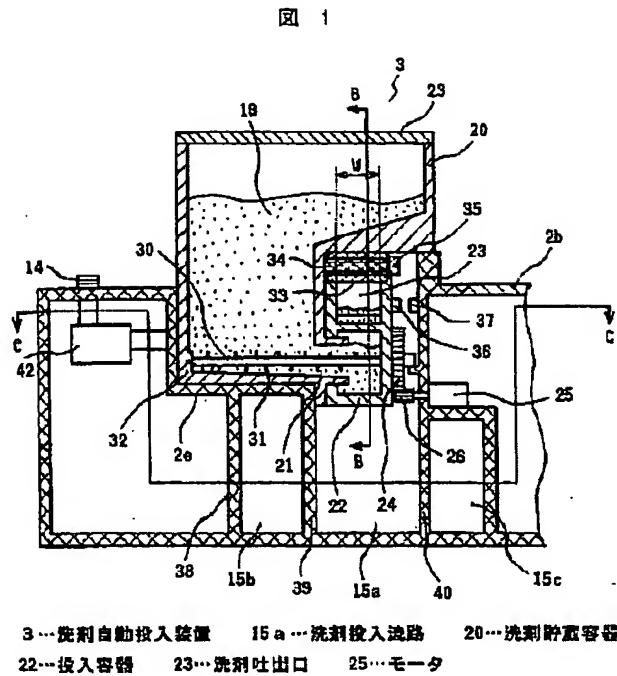
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APPLICANT : HITACHI LTD;

INVENTOR : HIYAMA ISAO;

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**TITLE : AUTOMATIC DETERGENT  
THROWING-IN DEVICE**



**ABSTRACT :** PROBLEM TO BE SOLVED: To provide an automatic detergent throwing-in device wherein the constitution is simple, the reliability is high, and which is excellent in usability.

**SOLUTION:** A throwing-in container 22 receives a powder detergent 19 from a detergent storage container 20, and throws in the powder detergent 19 from a detergent discharging port 23. Such a throwing-in container 22 is rotate-driven by one motor 25. Thus, the powder detergent is measured and thrown in.

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